Erratum: Role of higher order couplings in the presence of kaons in relativistic mean field description of neutron stars [Phys. Rev. C 85, 015804 (2012)]

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In Fig. 9 of the above paper, the y axis was labeled as “B” instead of “Radius (km)” as correctly mentioned in the caption. The complete Fig. 9 is reprinted here. The results and conclusions of the paper are not affected.

FIG. 9. (Color online) The mass-radius relation for nonkaonic and kaonic phases using different parameter sets. The calculations done without considering kaons are represented by the small dotted lines. The solid circles represent the maximum mass in every case. Mass is given in units of solar mass \( M_\odot \). Solid squares \((r_{ph} = R)\) and open triangles \((r_{ph} \gg R)\) represent the observational constraints [1], where \( r_{ph} \) is the photospheric radius. The shaded region corresponds to the recent observation of a \(1.97 \pm 0.04 M_\odot\) star [6].